



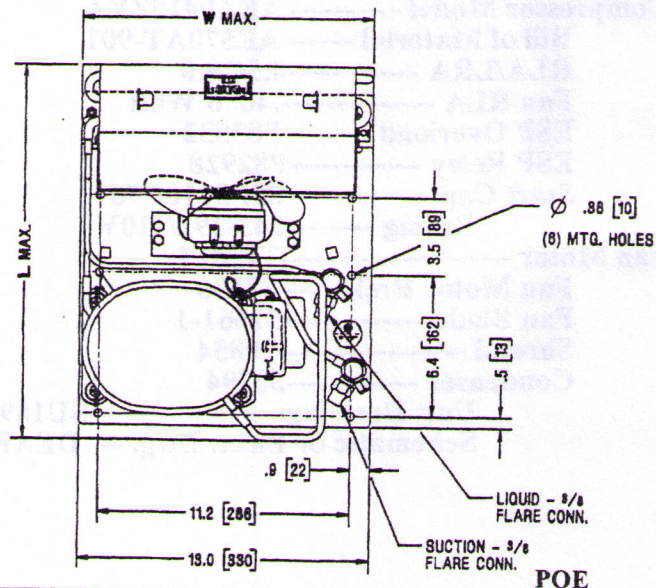
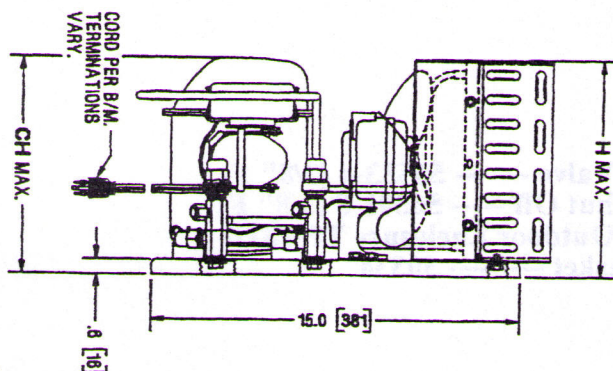
TECUMSEH HERMETIC CONDENSING UNITS

AEA9415ZXAXA

April 1, 1997

Rev 2/2001

MODEL AEA9415ZXAXA (B/M 2A538-9) R-404A 1/5 HP AIR COOLED



Note: Dimension = Inches (Millimeters)

Model	Dimensions				*Line Connection		Pumpdown 90 ° F 90% Full	Air CFM	Oil Chg oz.	Gr. Wt. Lbs.
	L	W	H	CH	Suct.	Liq.				
AEA9415ZXAXA	16.9	13.0	8.9	9.0	3/8 F	3/8 F	----	220	10	47

*F=Flare, S=Solder, RF or RS= Rotolock Valve with Flare or Solder Connections

Factory charge: 20 psig nitrogen - **MUST BE EVACUATED** 60 HZ Performance

Approved Evap. Range		Ambient								
		90° F			100° F			110° F		
°F	PSIG	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
-10	23.9	820	290	260	690	290	290	580	290	330
-5	28.2	900	310	270	770	310	305	650	310	335
0	32.8	1000	325	280	860	330	315	720	330	345
5	37.9	1120	345	290	950	350	325	800	355	355
10	43.3	1240	370	300	1050	375	335	880	380	365
15	49.2	1360	390	310	1160	400	345	970	405	380
20	55.5	1480	415	325	1270	425	360	1060	430	390
25	62.2	1610	440	340	1380	450	375	1150	460	405
30	69.5	1750	4658	350	1500	480	385	----	----	----
35	77.2	1880	490	365	1620	510	400	----	----	----
40	85.5	2020	520	380	----	----	----	----	----	----
45	94.3	2160	545	395	----	----	----	----	----	----

Based on 40 ° F return gas, 5 ° F subcooling

Date: 4-1-97
Rev 2/2001

SPECIFICATIONS AEA9415ZXAXA

Nominal Voltage ----- 115-60-1

Unit B/M ----- 2A538-9

Voltage Range ----- 126.5 to 103.5

Min. Circuit Ampacity ----- 6.1

Max. Fuse Size (Amps) ----- 15

Compressor Model ----- AEA9415ZXA

Bill of Material ----- AE570AT-901

RLA/LRA ----- 4.5/29.0

Fan RLA ----- .46 6 Watt

ESP Overload ----- P83532

ESP Relay ----- P82928

Start Cap. ----- 85PS110C76

Rating ----- 243-292/110V

Fan Motor ----- TFM61

Fan Motor Brckt. --- 57156

Fan Blade ----- 51561-1

Shroud ----- 70854

Condenser ----- 50794

Unit Drawing ----- SU1896-105

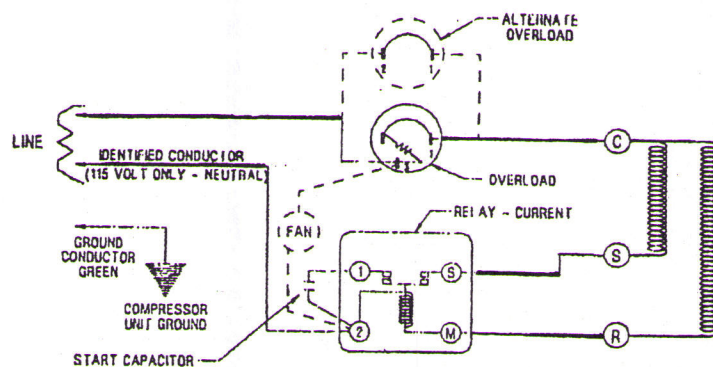
Schematic or Elect. Dwg. -- DEAE-10

Shut Off Valve ----- 56533-4 (3/8" F)

Suction Shut Off ----- 56501-8 (3/8" F)

Optional Outdoor Enclosure TP-181D

Teflon Gasket ----- 30334



115 OR 230 VOLT - SCHEMATIC WIRING DIAGRAM - CSII
REF. DWG. MD472-1